

**Notice of Allowability**

Application No.

10/754,707

Applicant(s)

ARAI ET AL.

Examiner

Art Unit

Kevin D. Williams

2854

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 4/18/05 and the telephone interview of 7/11/2005.
2. ☒ The allowed claim(s) is/are 1-8 and 21-24.
3. ☒ The drawings filed on 12 January 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Matthew Ryan on 7/11/2005.

2. The application has been amended as follows:

- In claim 7, line 7, "and" has been deleted.
- In claim 7, after line 7, the following new line has been inserted:  
--said inner plug being mounted on the ink charge port, and--
- In claim 8, line 9, after "port", second occurrence, --, said means extending inside said ink suction nozzle-- has been inserted.

3. The above changes have been made in order to patentably distinguish the claims from the prior art of record.

4. The following is an examiner's statement of reasons for allowance:

The primary reason for the allowance of claim 1 is the limitation of an ink charge port provided in an end wall of the ink container body, an inner plug mounted on the ink charge port and comprising an ink discharge port having an outer diameter which is smaller than the inner diameter of the ink charge port and a means for giving said ink suction nozzle access to the ink discharge port, where said means includes a portion of

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said plug extending inside said ink suction nozzle, in combination with the other claimed structure.

The primary reason for the allowance of claim 7 is the limitation of an ink charge port provided in an end wall of the ink container body, an inner plug mounted on the ink charge port and comprising an ink discharge port having an outer diameter which is smaller than the inner diameter of the ink charge port and a means for giving an ink suction nozzle access to the ink discharge port, where said means includes a portion for fitting inside said ink suction nozzle, in combination with the other claimed structure.

The primary reason for the allowance of claim 8 is the limitation of filling stencil printing ink through an ink charge port in an end wall of an ink container body, after filling the ink container with stencil printing ink, mounting an inner plug which comprises an ink discharge port smaller in the outer diameter than the inner diameter of the ink charge port and a means for giving an ink suction nozzle of an ink pump access to the ink discharge port on the ink charge port, said means extending inside said ink suction nozzle, in combination with the other claimed structure and steps.

The primary reason for the allowance of claim 22 is the limitation of an ink charge port provided in an end wall of the ink container body, an inner plug mounted on the ink charge port and comprising an ink discharge port smaller in the outer diameter than the inner diameter of the ink charge port and said inner plug further comprising a portion extending inside said ink suction nozzle, in combination with the other claimed structure.

The primary reason for the allowance of claim 23 is the limitation of an ink charge port provided in an inner wall of the ink container, an inner plug comprising an ink

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discharge port having an outer diameter which is smaller than the inner diameter of the ink charge port and a means for giving said ink suction nozzle access to the ink discharge port, the inner plug being removed from the ink charge port when the printing ink is charged to the container body and is inserted into the ink charge port when the ink is supplied to the ink pump through said inner plug and said ink suction nozzle, in combination with the other claimed structure.

The primary reason for the allowance of claim 24 is the limitation of an ink charge port provided in an inner wall of the ink container, an inner plug comprising an ink discharge port having an outer diameter which is smaller than the inner diameter of the ink charge port and a means for giving an ink suction nozzle of an ink pump access to the ink discharge port, the inner plug being removed from the ink charge port when the printing ink is charged to the container body and is inserted into the ink charge port when the ink is supplied to the ink pump through said inner plug and said ink suction nozzle, in combination with the other claimed structure.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin D. Williams whose telephone number is (571)

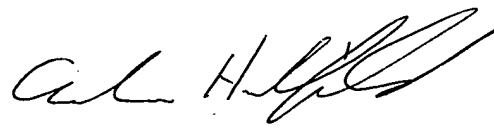
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272-2172. The examiner can normally be reached on Monday - Friday, 8:30am - 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew H. Hirshfeld can be reached on (571) 272-2168. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KDW  
July 11, 2005



ANDREW H. HIRSHFELD  
SUPERVISORY PATENT EXAMINER  
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